

ABSTRACT

A method and system for compact representation of interactive data and transmitting the data via a computer network is disclosed. The system and method provide for logically separating the data into a graphical and multimedia data sections. The multimedia data section is further divided into at least three sequencing schemes in order to facilitate data transfer between a server and a user. The three sequencing schemes include a hierarchical structure of bounding boxes facilitating data compression and interaction between the user and the displayed interactive content, a sequencing map comprising one or more tracks for mapping paths through the bounding boxes, and a time map for synchronizing the sequence map with an audio or video recording. Providing interactive printable sheet music is described as one of the embodiments of the system and method of the present invention.

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